

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

OKUNO et al.

Atty. Ref.: 1035-652

Serial No. To be assigned

TC/A.U.: unknown

Filed: August 25, 2006

Examiner: Unknown

For: SAMPLE TARGET HAVING SAMPLE SUPPORT SURFACE WHOSE  
FACE IS TREATED, PRODUCTION METHOD THEREOF, AND MASS  
SPECTROMETER USING THE SAMPLE TARGET

\* \* \* \* \*

August 25, 2006

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

INFORMATION DISCLOSURE STATEMENT

As suggested by 37 C.F.R. 1.97, the undersigned attorney brings to the attention of the Patent and Trademark Office the references listed on the attached form PTO/SB/08a.

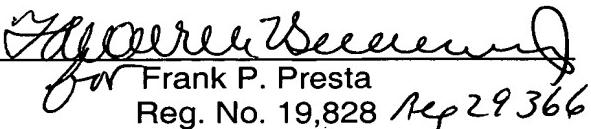
This is not to be construed as a representation that a search has been made or that no better prior art exists, or that a reference is relevant merely because cited.

The Examiner is requested to initial the attached form PTO/SB/08a and to return a copy of the initialed document to the undersigned as an indication that the attached references have been considered and made of record.

Respectfully submitted,

NIXON &amp; VANDERHYE P.C.

By:

  
Frank P. Presta  
Reg. No. 19,828 Rep 29366

FPP:alb

901 North Glebe Road, 11th Floor  
Arlington, VA 22203-1808  
Telephone: (703) 816-4000  
Facsimile: (703) 816-4100

Sheet 1 of 1

IAP12 Rec'd PCT/PTO 25 AUG 2006

## **INFORMATION DISCLOSURE CITATION**

ATTY. DOCKET NO.

SERIAL NO

10/590822

## To be assigned

1035-652

**APPLICANT**

(Use several sheets if necessary)

**FILING DATE**

TG/AU

August 25, 2006

unknown

## U.S. PATENT DOCUMENTS

## **FOREIGN PATENT DOCUMENTS**

**OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)**

	International Search Report of PCT/JP2005/003055, mailed 31 May 2005
	“Desorption-Ionization Mass Spectrometry on Porous Silicon”, (Jing WEI et al., Nature, Vol.399, May 1999, pp.243-246)
	“Porous Silicon as a Versatile Platform for Laser Desorption/Ionization Mass Spectrometry”, (Zhouxin SHEN et al., Analytical Chemistry, 73, 2001, pp.612-619)
	“New Desorption Strategies for the Mass Spectrometric Analysis of Macromolecules”, (T. W. HUTCHENS et al., Rapid Communications in Mass Spectrometry, Vol. 7, 1993, pp.576-580)
	“A Self-Assembled Matrix Monolayer for UV-MALDI Mass Spectrometry”, (Stephane Mouradian et al., J. Am. Chem. Soc., 118, 1996, pp.8639-8645)
	“Laser Desorption/Ionization Time-of Flight Mass Spectrometry on Sol—Gel-Derived 2,5-Dihydroxybenzoic Acid Film”, (Ya-Shiuan LIN et al., Analytical Chemistry, Vol. 74, No. 22, November 2002, pp.5793-5798)
	“High Sensitivity and Analyte Capture with Desorption/Ionization Mass Spectrometry on Silylated Porous Silicon”, (Sunia A. TRAUGER et al., Analytical Chemistry, Vol. 76, No. 15, August 12004, pp.4484-4489)
	“Use of a Non-porous Polyurethane Membrane as a Sample Support for Matrix-assisted Laser Desorption/Ionization Time-of-flight Mass Spectrometry of Peptides and Proteins”, (Mark E. McComb et al., Rapid Communications in Mass Spectrometry, Vol. 11, 1997, pp.1716-1722)
	“Signal Enhancement in Matrix-assisted Laser Desorption/Ionization by Doping with Cu(II) Chloride”, (Maxim DASHTIEV et al., (Letter to the Editor) Rapid Communications in Mass Spectrometry, Vol. 19, 2005, pp.289-291)
	“UV Laser Desorption/Ionization on Submicrometer Order Structures”, (Shoji OKUNO et al., The 52 <sup>nd</sup> Annual Conference on Mass Spectrometry, June 2004, pp.118-119, 1-P-34)

\*Examiner

### Date Considered

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.